



FCF Sustaining Engineering (FCF)



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Objective:

- ◆ Provide the sustaining engineering support for the CIR & FIR, along with Telescience operations & FCF On-orbit operations,
- ◆ Complete all FCF products that includes any remaining GIU activities, integration and operations products, TSC readiness, and Mission Integration Planning.
- ◆ Prepare the FCF flight units for launch that includes post-storage review and flight readiness reviews.

Relevance/Impact:

- ◆ Support strategic research on the ISS in support of the Exploration Initiative, as well as basic research.
- ◆ Provide telescience operations for the payload community in support of ISS operations.

Development Approach:

- ◆ Maintain the Prime Contractor workforce to assure development knowledge is retained.
- ◆ Complete operational products using the existing team.
- ◆ Advocate for the CIR & FIR to be the payloads of choice for ULF-2 & 17A, respectively.



FIR Flight Unit



CIR Flight Unit

Schedule

Key Milestones/Deliverables	Date
FIR FHA	5/2007
CIR FHA	6/2007
FIR & CIR GIU Acceptance	7/2007
Spares Completed	2/2008
TSC/FCF Ops Readiness Review	3/2008
COFR	5/2008
Launch (CIR)	10/2008
MDCA On-Orbit Operations Begin	11/2008
Launch (FIR)	4/2009
LMM On-Orbit Operations Begin	5/2009